jWIN

The product is manufactured in accordance with the international standard.



JX-DVD400 DVD Micro Hi-Fi Component System

Operating Instructions

Please read this manual thoroughly before making connections and plugging in the player and retain this manual for future reference.

JX-DVD400

jWIN

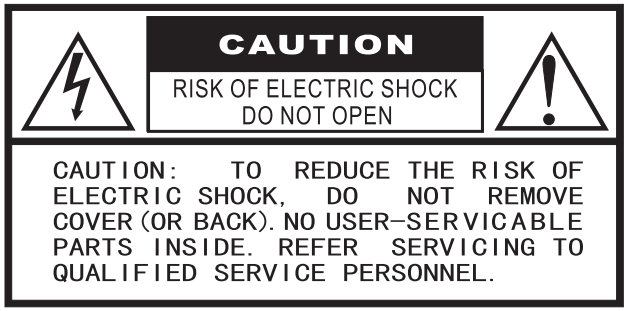
A slight difference may exist between the printed pattern and the actual product.

Attention for parents:

In order to avoid the situation that you forget the parental lock code and can not enter into the operation of parental lock setting, here we offer you the super secret code: 1369. You may use this code to enter into the operation of parental setting. To prevent the young children from knowing this secret code, please tear the note from this user's manual and keep in secret place. Thanks.

SAFETY PRECAUCTION

WARING: Due to the mains switch was located at the rear panel, the apparatus must be located in the open area without any obstructions to access the mains switch.





The lighting flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product′s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING:

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT EXPOSE THE APPLIANCE TO RAIN OR MOISTURE. DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET.

CAUTION:

When replacing the direct plug-in power supply or a separable, cord-connected power supply, the replacement must be the exact duplicate, or one that has been recommended by the manufacture.

CAUTION:

TO PREVENT ELECTRIC SHOCK, MATCH THE WIDE BLADE OF THE PLUG TO WIDE SLOT, AND FULLY INSERT.

This DVD player employs a laser system.

Use of controls, adjustments or the performance of procedures other than those specified may result in herein hazardous radiation exposure.

To prevent direct exposure to laser beam, do not open the enclose.

DO NOT STARE INTO BEAM.

FCC NOTICE:

This equipment has been tested and proved to comply to the limits for a Class B digital device, pursuant to part 15of the FCC Rule. These limits are designed provide reasonable protection against harmful interference in a residential installation.This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

WARNING:

Changes or modifications made to this equipment, not expressly approved by our company, or parties authorized by our company ,could void the user′ s authority to operate the equipment.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION: PLEASE READ THESE INSTRUCTIONS AND KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE. PLEASE HEED ALL WARNINGS AND FOLLOW ALL INSTRUCTIONS.

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in the unit will protect you if you observe the following procedures for installation , use and servicing. This unit is fully transistorized and does not contain any parts that can be repaired by the user.

DO NOT REMOVE THE CABINET COVER, OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

1.Read this manual
After unpacking this product, read these instructions carefully, and follow all the instructions.



2.Power Sources
This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power

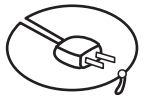


company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

3.Grounding or Polarization

Do not defeat the safety purpose of the polarizedor grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong.

The wide blade and the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult and electrician for replacement of the obsolete outlet.



4.Ventilation

Do not block any ventilation openings. Install in accordance with the manufacturers instructions.

The openings should never be blocked by placing the product on a bed, sofa ,rug or other.



5.Heat

Do not install any heat sources such as radiators, heat registers, stoves, or other products(including amplifiers) that produce heat.



6.Water and Moisture
Do not use this apparatus near water, for example, near a bath tub, wash bowl, kitchen sink, laundry tub,swimming pool or in a wet basement and such like.



7.Cleaning
Unplug this product from the wall outlet before cleaning . Do not use liquid cleaners or aerosol cleaners. Clean only with a dry cloth.



8.Power-cord Protection
Protect the power cord from being walked on or pinched
Particularly at plug, convenience receptacles, and the point where they exit from the apparatus.



9.Overloading
Do not overload wall outlets; extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.



10.Lightning
Unplug this apparatus during lighting storms, or when unused for long periods of time. This will prevent damage to the product due to lightning and power-line surges.



11.Object and Liquid Entry
Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.



12.Attachment
Only use attachments/accessories specified by the manufacturer.

13.Accessories
Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, be caution when moving the cart apparatus combination to avoid injury from tipping over.



14.Disc Tray
Keep your fingers well away the disc tray as it is closing. Neglecting to this may cause serious personal injury.



15.Burden
Do not place a heavy object on or step on the product. The object may fall, causing serious personal injury and serious damage to the product.



16.Disc
Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and product malfunction.



17.Damage Requiring Service
Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

a)When the power-supply cord or plug is damaged.
b)If liquid has been spilled, or objects have fallen into the product.
c)If the product has been exposed to rain or water.
d)If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an importer adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
e)If the product has been dropped or damaged in any way.
f)When the product exhibits a distinct change in performance-- this indicates a need for service.

18.Servicing
Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquids has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



19.Replacement Parts
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

20.Safety Check
Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.



Notes on Handling

* When shipping the DVD player, the original shipping carton and packing materials come in handy. For maximum protection, repack the unit as it was originally packed

at the factory.
* Do not use volatile liquids, such as insect spray, near the DVD player. Do not leave rubber or plastic products in contact with the DVD player for a long time. They will leave marks on the finish.
* The top and rear panel of the DVD player may become warm after a long period of use. This is not a malfunction.
* When the DVD player is not in use, be sure to remove the disc and turn off the power.
* If you do not use the DVD player for a long period, the unit may not function properly in the future. Turn on and use the DVD player occasionally.

Notes on Position

* When you place this DVD player near a TV, radio, or VCR, the playback picture may become poor and the sound may be distorted . In this case, place the DVD player away from the TV, radio, or VCR.

Notes on Cleaning

Use a soft, dry cloth for cleaning.
* For stubborn dirt, soak the cloth in a weak detergent solution, wring well and wipe. Use a dry cloth to wipe it dry.

* Do not use any type of solvent, such as thinner or benzine, as they may damage the surface of the DVD player. If you use a chemical saturated cloth to clean the unit, follow that product’s instructions.

To Obtain a Clear Picture

The DVD player is a high technology, precision device. If the optical pick-up lens and disc drive parts are dirty or worn down, the picture quality becomes poor. To obtain a clear picture, we recommend regular inspection and maintenance(cleaning or parts replacement)every 1,000 hours of use depending on the operating environment. For details , contact your nearest dealer.

Notes on Moisture Condensation

Moisture condensation damages the DVD player.
please read the following carefully.
Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass. In the same way, moisture may condense on the optical pick-up lens inside this unit, one of the most crucial internal parts of the DVD player.



Moisture condensation occurs during the following cases:

*When you bring the DVD player directly from a cold place to a warm place.

*When you use the DVD player in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.

*In summer, when you use the DVD player in a hot and humid place just after you move the unit from an air conditioned room.

*When you use the DVD player in a humid place.



Do not use the DVD player when moisture condensation may occur:

*If you use the DVD player in such a situation, it may damage discs and internal parts. Remove the disc, connect the power cord of the player to the wall outlet, turn on the DVD player, and leave it for two or three hours. After two or three hours, the DVD player will have warmed up and evaporated any moisture. Keep the DVD player connected to the wall outlet and moisture condensation will seldom occur.

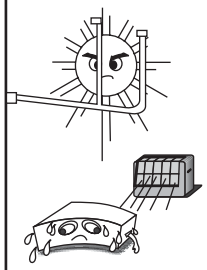


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1.Safety Instruction



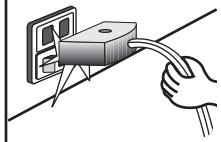
Avoid high temperature

■ Do not expose the equipment to the direct sunlight or put it close to heat radiating appliances.



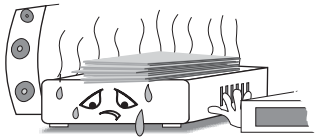
Do not let foreign substances fall into the equipment

■ Do not let nails, coins, or other foreign substances fall into the equipment.



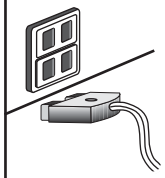
Pulling out and inserting the power plug

■ When pulling out or inserting the plug, do not pull the power cable, but grasp the plug to pull out or insert.



Do not jam the airways on the shell

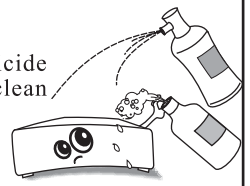
■ The airways are very important to the heat emission of the machine. If they are blocked by objects, the temperature in the machine will increase, which may damage the machine.



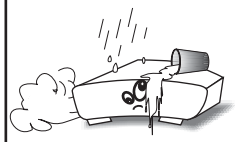
When you go out

■ Though the power supply is switched off, the equipment is still connected to AC power supply. If you don't use the equipment for a long time, such as when you go out for a trip, you'd better pull out the plug from the power socket.

Protect the shell



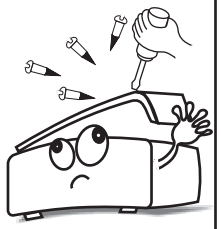
■ Do not spray insecticide near the equipment, or clean the shell with gasoline, thinner, or other solvents, for they can change the color of the shell easily. When cleaning the dust, a soft cloth shall be used. The requirements on the manual shall be followed when chemical cleanser is used to wash the machine.



Avoid moisture, water and dust

■ Do not put the equipment at the place with much moisture or dust. Vases or other objects with water can't be put on the equipment.

Do not open the shell



■ Do not open the top cover or backboard of the shell, or put hand into the shell; it will be dangerous. ■ If the machine shows abnormal conditions, pull out the plug immediately, and contact the dealer, or turn to some professionals for help.

2.Packing List

1.DVD Player	1 Piece
2.Speaker	2 Pieces
3.Remote Control	1 Piece
4.Operating Instruction Manual	1 Piece
5.AV Connecting Line	1 Piece
6.Connection Lines of Speaker	2 Pieces
7.FM/AM antenna	2 Pieces
8.Battery	1 Pair

3.Explantion of Safety Symbols

 **Danger**	This symbol reminds the users to avoid the electric shock.
 **Attention**	This symbol reminds the users that important explanations are attached to the product.
 **Warning**	In order to avoid electric shock, do not open the top cover! No parts of the machine can be repaired by the uses and the repair work shall be only limited to qualified repaired.

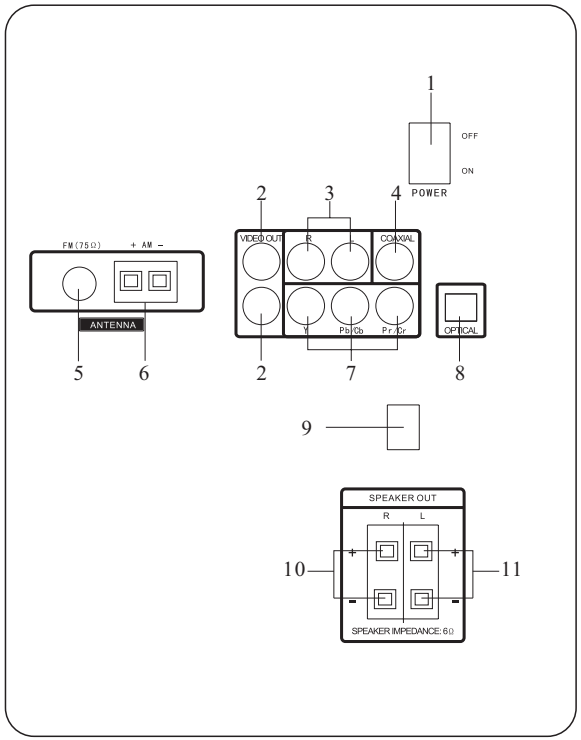
4.User Interface

4.1Front Panel:



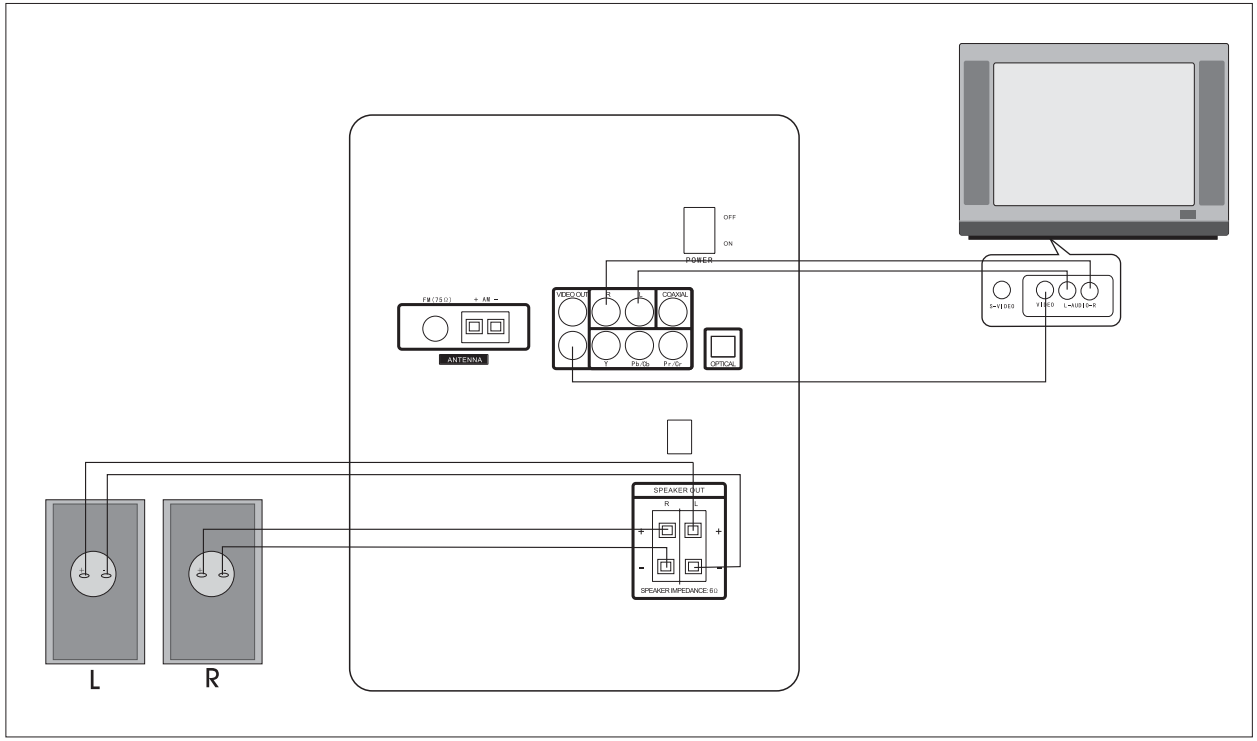
1.VFD Display Screen
2.Play Button
3.Pause Button
4.Fast Reverse/Tunning Down Button
5.Fast Forward/Tunning Up Button
6.Standby Button
7.Tone Button
8.Audio Button
9.Phones Jack
10.Remote Control Sensor
11.Open/CloseButton
12.Stop Button
13.Next Button
14.Previous Button
15.Volume Multi Control Knob
16.AM/FM Switch Button
17.DVD/Tuner Switch Button
18.Disc Tray
19.MIC Volume Control
20.MIC Jack

4.2 Rear Panel:

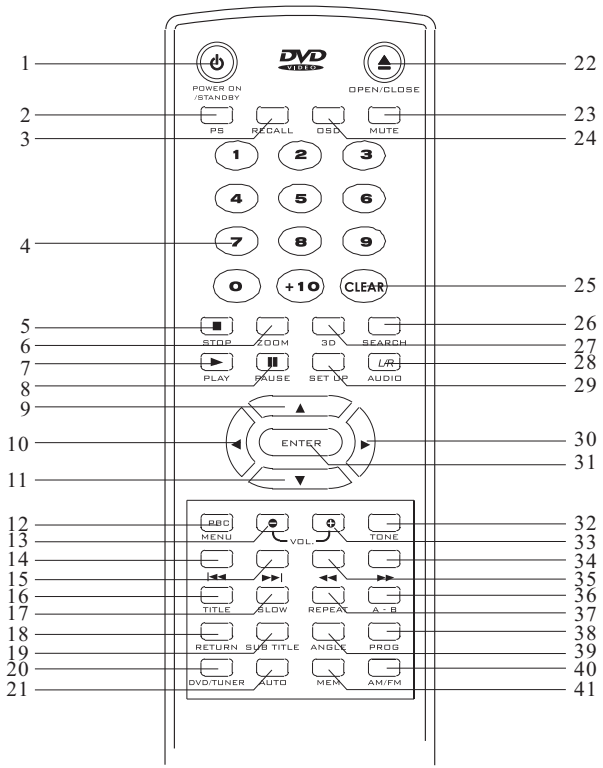


1.Power Switch
2.Video Output Port
3.Audio L/R Output Ports
4.Coaxial Output Port
5.FM Antenna Connecting Terminal
6.AM Antenna Ramp
7.YUV(Y,Pb/Cb,Pr/Cr) Output Ports
8.Optical Output Port
9.AC 110-240V Power Cord
10.Speaker R Channel Output Ramp
11.Speaker L Channel Output Ramp

4.3Connection with speaker:

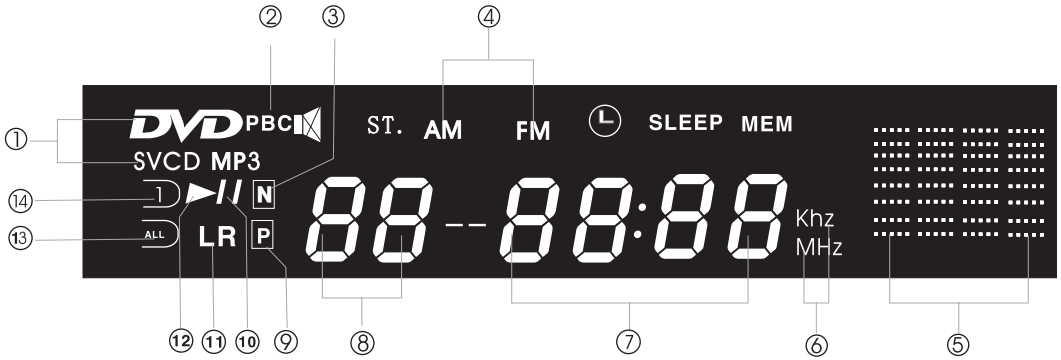


4.4Remote Control:



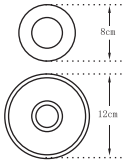
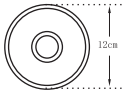
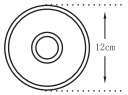
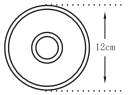
1.Power on/Standby Button
2.PS(progressive) Button
3.Recall Button
4.Numeric Buttons
5.Stop Button
6.Zoom Button
7.Play Button
8.Pause Button
9.Up Button
10.Left Button
11.Down Button
12.MENU(PBC) Button
13.Volume Control(-)
14.Previous Button
15.Next Button
16.Title Button
17.Slow Button
18.Return Button
19.Subtitle Button
20.DVD/Tuner Switch Button
21.AUTO Button
22.Open/Close Button
23.Mute Button
24.OSD Button
25.Clear Button
26.Search Button
27.3D Button
28.Audio Button
29.Setup Button
30.Right Button
31.Enter Button
32.Tone Button
33.Volume Control(+)
34.Fast Forward Button
35.Fast Reverse Button
36.A-B Button
37.Repeat Button
38.Progame Button
39.Angle Button
40.AM/FM Switch Button
41.Memory Button

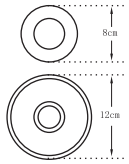
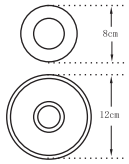
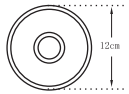
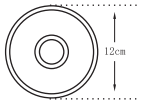
4.5Vacuum Fluorescent Display



1.Disc Format Display
2.Menu Display
3.NTSC Display
4.Band Display
5.Spectrum Display
6.Radio Frequency Unit Display
7.Time/Frequency Display
8.Chapter/Track Display
9.PAL Display
10.Pause Display
11.Channel Indicator
12.Play Display
13.Disc Repeat Display
14.Track Repeat Display

5. Playable discs for the Player

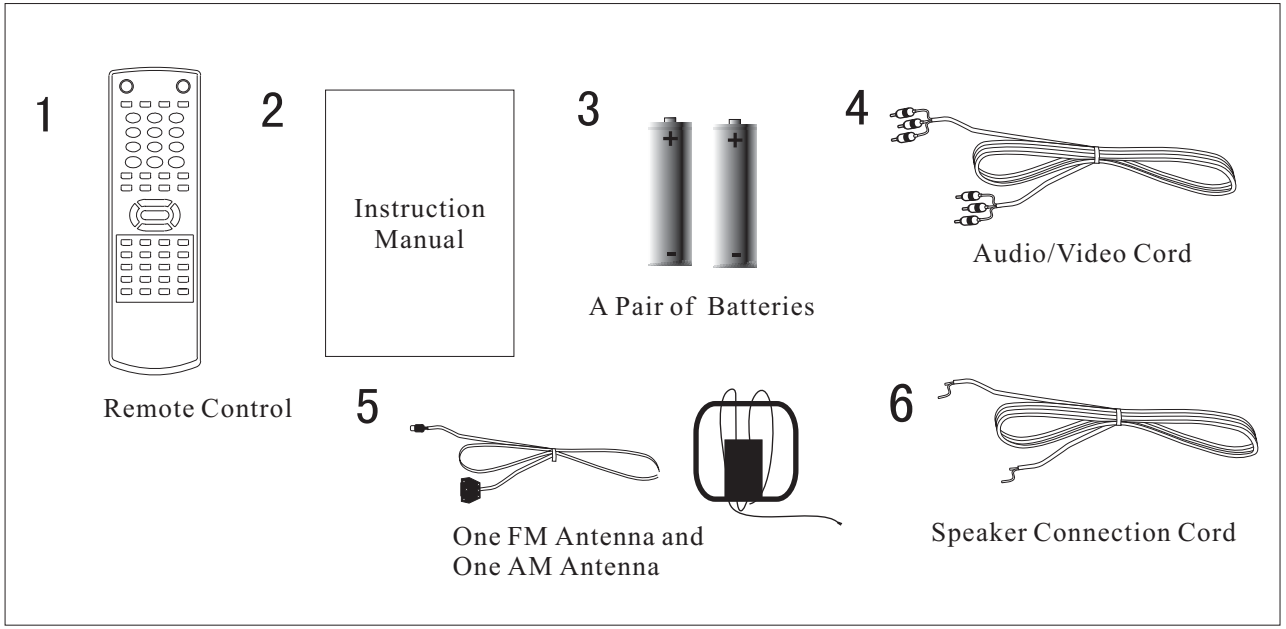
Disc Type	Dimensions	Symbol
DVD		DVD VIDEO
SVCD		SVCD
DVCD		COMPACT disc DIGITAL VIDEO / DVCD
MP3		MP3

Video-CD (VCD)		COMPACT disc DIGITAL VIDEO VIDEO CD
CD-DA		COMPACT disc DIGITAL AUDIO
WMA		Designed for WMA
Picture CD		Kodak Picture CD COMPATIBLE

** The user is advised to safeguard the intellectual property and use original discs. For those faults resulting from the use of pirated or poor quality discs, we'll not undertake to offer the replacement or guarantee.*

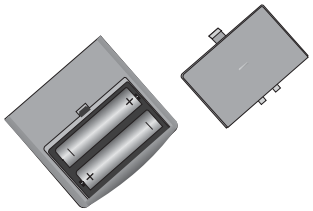
6.Preparation Before Playing

6.1 Accessories *(Please check whether all the following accessories are available after unpacking.)*



6.2 Battery Installation for Remote Control

Open the battery compartment lid and insert a pair of AAA batteries with correct polarity as indicated. Please point at the remote sensor on the player while using the remote control.



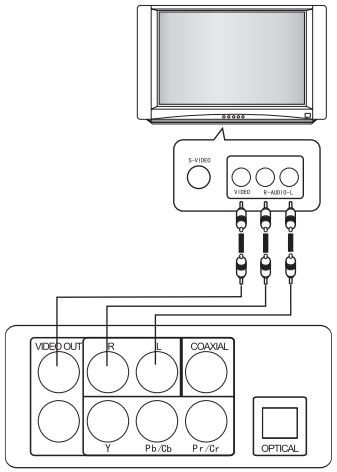
6.3 System Connection

1.Turn off the power before connection.
2.Turn on the power after finishing connection.
**Audio/Video cord must be connected according to the color:*
Yellow plug----Video terminal(Yellow)
White plug----Left Audio terminal(White)
Red plug----Right Audio terminal(Red)
** Wires must be properly connected and plugs fully inserted.*

Connetct with TV

1.Normal TV Connection

Connect the player and the appropriate port of TV set with video/audio wire, as indicated in the diagram on the right.

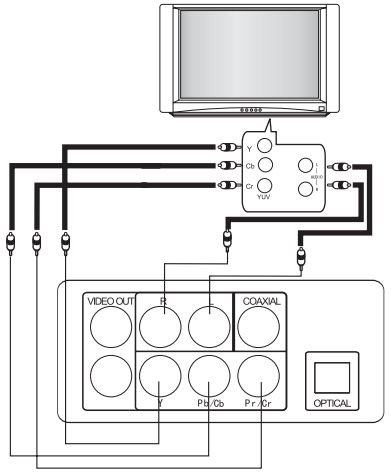


2.Connect with YUV (Y Pb/Cb Pr/Cr) Terminal

Connect the Y, Pb/Cb, Pr/Cr outputs from the player to the corresponding YUV inputs of TV with video cables(not provied) and then make the audio connections with audio cables the player and TV as indicated in the diagram on the right.

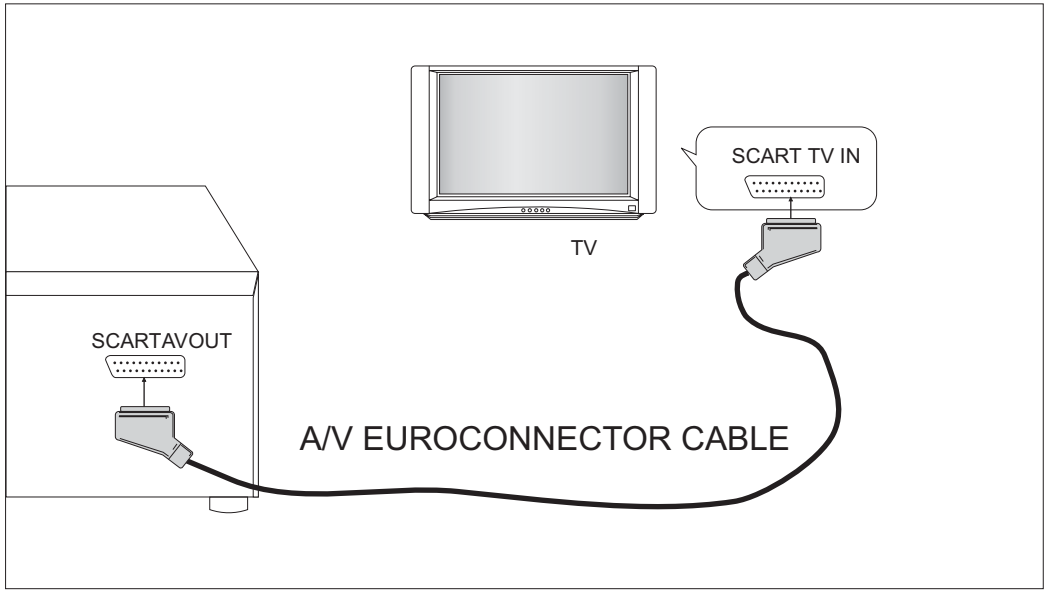
To get a better picture on the Progressive Scan TV, adjust the TV settings to **Progressive Scan Video Input Mode**. Press the **PS** button on the remote control after the DVD player has read the disc so that the player switches into the **Progressive Scan Video Output Mode.**

**When connecting to a normal TV, don' t put the DVD player in progressive scan mode, there will be no picture display and may cause damage to your TV.*



If your player has the "SCART AV OUT" connector, please connect with your TV as below:

(This content is optional)

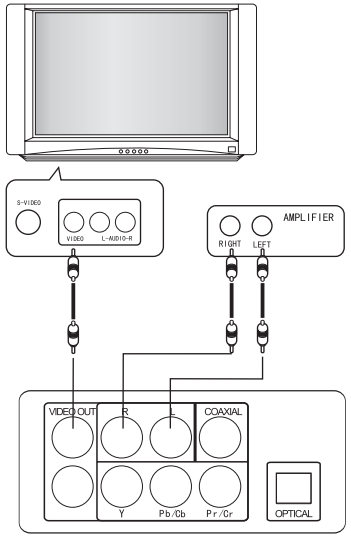


** After connect "Scart AV out" on the player with "Scart TV in" on the TV set, set up the play mode as "RGB"state, then it will out put normally.*

Connetct with AV Power Amplifier

1. Connecting to a stereo power amplifier

Make the audio connections with audio cables between the player and the stereo power amplifier as indicated in the diagram on the right.



2. Connect with digital audio optical fiber or coaxial Terminal.

Connect the **OPTICAL** type **DIGITAL AUDIO** output from the player to the corresponding input of power amplifier with an optical cable*(not provided)* and then connect the video cable between player and TV.
Alternatively ,connect the **COAXIAL** type **DIGITAL AUDIO** output from the player to corresponding input of power amplifier with an coaxial cable*(not provided)* and then connect the video cable between player and TV.
Please refer to **9.4 Audio Setup Page** for the detail setting.

7.Function Buttons

7.1 Function Buttons on the Front Panel

This section instructs you the basics on how to operate the player.
After connection, you must make the following preparations before operation of this player.
* Turn on the TV and select **Video Input.**
* Connect the power wires of the player to the socket.
(the functions list below also corresponds to the button functions of the remote control)

7.1.1 Power
Press the button to switch the unit **ON/OFF.***(the button is located at the rear panel)*

7.1.2 Standby
Press the button for the first time and the player will be in standby state and reduce the power consumption. Press this button again and the player will recover operation.

7.1.3 Play
Press the button to close the disc tray and start playback.

7.1.4 PAUSE
Press the PAUSE button to pause playback(still mode).
But on the remote control ,you press the button once,the player will be in pause state; you press the button twice, the picture will advances frame by frame. To resume normal playback, press the PLAY button.

7.1.5 Stop

Press the button to **STOP** at the location where you want to interrupt playback. The DVD player will memorize the location where playback is stopped and resume playback from the same location when the **PLAY** button is pressed.

Press the **STOP** button twice, the DVD player will **STOP** playback and will not memorize the location where the playback is stopped.

7.1.6 Open/Close

Press the button to eject or close the disc tray.

7.1.7 Fast Forward and Fast Reverse

Press ⏩ during playback for fast forward and ⏪ for fast reverse. Each time you press the ⏩ or ⏪ button, the playback speed changes.

7.1.8 Previous/Next

Normally DVD discs are divided into titles ,and the titles are sub-divided into chapters.VCDs, SVCDs, CDs are divided into tracks. You can press the ⏮ or ⏭ button to skip to the chapter or track you want.

7.1.9 Tone

Press the button , **TREBLE/BASS/VOLUME** will be displayed on the TV. Press **volume control** "+" on the remote control or revolve clockwise **VOLUME multi control** knob on the panel to increase **TREBLE/BASS / VOLUME**. Press **volume control** "-" on the remote control or revolve counterclockwise **VOLUME multi control** knob to decrease **TREBLE/BASS/VOLUM.**

7.1.10 Audio(L/R)

Press this button to choose different dubbing , left and right channel outputs *(DVD has 8 languages and Super VCD has 4 languages. This function requires the support from disc.)*

7.1.11 DVD/Tuner

Press the button to switch the DVD playing state and the radio mode.

7.1.12 FM/AM

Press the button to switch the unit FM/AM for selecting different band.

7.1.13 Volume Multi Control

Turn the knob to adjust the volume of the phones and the speakers.

7.1.14 Phones Jack

In order not to disturb other people when enjoying the music, you can connect the earphone to PHONES jack. Volume control knob will increase and decrease volume while the speaker has no sound output.

7.1.15 Mic Jack

After connected the microphone to MIC jack, you may begin to Karaoke.

7.1.16 MIC Volume

The knob to control the MIC volume.

7.2 Function Buttons on the Remote Control

7.2.1 PS

The PS button allows you to change between **PROGRESSIVE** or **INTERLACE**(ordinary TV) modes.

*(Always put the player in the **INTERLACE** mode when using an ordinary TV set not capable of accepting the Progressive Scan video signal. Otherwise ,there will be no display on TV and may cause damage to your TV.)*

7.2.2 Recall

Pressing the button will return all settings back to the factory default setting.

7.2.3 OSD

Press the button to display the information of the disc during playback..

7.2.4 MUTE

During playback, the **MUTE** button is used to activate the mute function. It turns off the playback sound immediately. To resume normal sound level, press the **MUTE** button again.

7.2.5 Numeric Keys (0-9, +10)

During playback you can locate a title by entering the title number or locate a specific chapter or track directly in combination with the **SEARCH** button.

7.2.6 Clear

When you input numbers from **NUMERIC KEYS**, you can press **CLEAR** button to clear the numbers entered.

7.2.7 Zoom

Successively pressing the **ZOOM** button to get different zoomed picture. In the state of zoom play, pressing the direction buttons ◄ ► ▲ ▼ can shift the pictures accordingly.

Note: *There may be zoom level differences among different types of discs.*

7.2.8 3D

Press the button to enjoy from a variety of surround sound effects. If the sound quality becomes distorted during playback, adjust the **3D** mode to **OFF.**

7.2.9 Search

To locate the desired title and chapter on a DVD disc, press the **SEARCH** button and search the desired title time and chapter time.

7.2.10 Setup

Press the button to enter the **SETUP** menu. The **SETUP** menu allows you to change system settings. To exit the **SETUP** menu press the **SETUP** button again.

7.2.11 Arrow Keys(up, down, right, left)

The **ARROW KEYS** allow you to navigate the cursor in the **SETUP** menu and the interactive selection menu of a DVD disc. Once the desired selection is highlighted ,press the **ENTER** button to change to that setting.

7.2.12 Enter

As described in **7.2.11**, the **ENTER** button is used to confirm the setting highlighted by the cursor.

7.2.13 MENU

During DVD playback, you can return to the interactive selection menu by pressing the **MENU** button.*(the function applies to discs that contain a menu)*

*During SVCD and VCD 2.0 playback the **MENU** button is used to switch the **PBC** mode **ON/OFF.***

7.2.14 Volume Control (+) / (-)

Press "+" button to increase the phones and the speaker volume, and press "-" to decrease the volume.

7.2.15 Title

Press this button to enter the appointed title. *(Only applicable to the DVD discs with this function.)*

7.2.16 Slow Motion

To play slow-motion during playback press the **SLOW** button. Each time you press the **SLOW** button,the slow-motion speed changes.

7.2.17 Repeat

During DVD playback, continuously press this button to choose among repeat play of current chapter,title,or disc. During SVCD,VCD or CD playback, continusly press the button to choose between repeat play of current track or disc.

7.2.18 A-B Repeat

Press **A-B** repeat at the beginning of the segment(point A) you want to play repeatedly. Press **A-B** repeat again at the end of the segment (point B). The DVD player will automatically return to point A and starts repeat playback of the selected segment**(A-B).**

7.2.19 Subtitle

Press this button to display different subtitles available on the DVD or SVCD discs.*(DVD discs can contain up to 32 different kinds of captions and SVCDs up to 4)*

7.2.20 Return

Pressing the button will return you to the main menu.

7.2.21 Angle

Press the button while playing a scene recorded with multiple angles. This allows you change the camera angle of the scene you are watching. When playing multiple angle scenes, the angle icon will appear on the TV screen.

Note: *This operation is only available with DVD discs with this function . (Requires the support from discs.)*

7.2.22 Program

Press **PROG** button and enter numbers into the corresponding Interface. Press **START** to perform the programming play function. If you don't want a programming play, just enter into the programming menu and move the highlighted bar to the **STOP** column. Then cancel the programming play by making confirming and choose the **EXIT** column.

7.2.23 Auto

In tuner state, you press the button, the player will search the different frequency automatically. When find the radio program, the player will automatically save the radio Program.

7.2.24 Memory

Press the button to save the position of radio program. ***(please refer to 8.4.2)***

8. The Functions of the Player

8.1 Use KARAOKE Function

8.1.1 Connect with Microphone

Turn the **MIC VOLUME** knobs on the front panel to the minimum and then connect microphones to **MIC** jacks.

8.1.2 Start KARAOKE

(1) Turn **MIC VOLUME** knob to adjust the volume of microphone.

(2) You may press numeric keys on the remote control to select the track you want when it is playing a karaoke disc.

8.1.3 Special KARAOKE Functions

Press **AUDIO** button on the remote control and choose from the following:

[STEREO] [MONO LEFT] [MONO RIGHT]
[MIX-MONO] [PARTNER LEFT] [PARTNER RIGHT]

Cancel Original Sound

You may press the **AUDIO** button and choose **[MONO LEFT]** or **[MONO RIGHT]** to cancel original sound when you are enjoying Karaoke. You can also cancel original Sound by choosing different audio output mode.

The Operation Of Auto Replace Karaoke And Auto Follow KARAOKE

Choose **[PARTNER LEFT]** or **[PARTNER RIGHT]** to enable

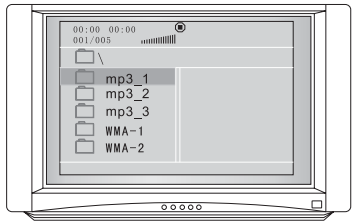
auto replace karaoke *(When person is singing, the player doesn't sing; vice versa)* or auto follow karaoke *(when person is singing, the player is singing; vice versa).*
This function doesn't apply to DVD and SVCD discs.

Microphone Feedback handling:
**Take the microphone far away from TV set or SPEAKER.*
**Turn down the volume of TV set or SPEAKER.*
**Turn down the volume of microphone.*

8.2 Playback on MP3/WMA Discs

MP3 / WMA discs may have a directory structure similar to the diagram illustrated to the right.

In the directory list, press the **ARROW** buttons to highlight the desired folder and then press **ENTER** button to go down 1 level into the sub directory. Press the **ARROW** buttons to choose the desired track and then press **ENTER** or **PLAY** to start playback. If you want to return to an upper level directory, press the arrow buttons to choose the " 🗀 " icon or press " ◄ " button.
Press the **PROG** button to switch between the **FILELIST** and **FOLDER** play mode.

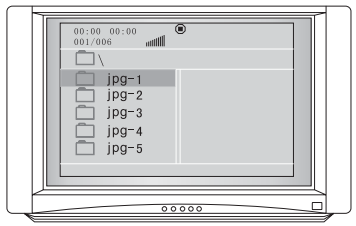


Note: ***Filelist:*** *Sequentially display the tracks in the folder or entile disc.*
Folder: *Display the folders in the whole disc by the directory structure.*

8.3 How to View the Digital Album of a Picture CD

8.3.1 Show a Picture

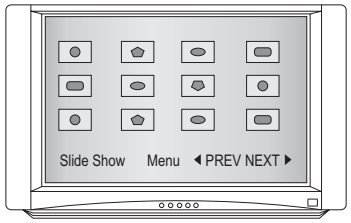
A Picture CD disc may have a directory structure similar to the picture illustrated to the right.
In the directory list, press the **ARROW** buttons to choose the folder and then press **ENTER** to go down 1 level into the sub directory. Choose the desired picture and press the **ENTER** or **PLAY** button to display picture. If you want to return to an upper lever directory, use the **ARROW** button to navigate to the " 🗀 " icon.
If you want to enter the **FILE LIST** mode, press the **PROG** button and all the pictures will be displayed. If you want to enter the **FOLDER** play mode, press the **PROG** button again.



Note:*The desired picture can be directly chosen and displayed with numeric buttons and the* ***ENTER*** *button.*

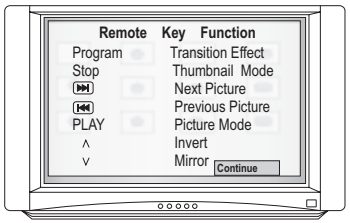
8.3.2 Multi Pictures Browsing

In **PLAY** mode, press **STOP** button to enter into picture browsing with 12 pictures displayed at one time as shown in the illustration on the right. Use arrow buttons to move cursor to select your choice of picture to be shown and confirm by pressing **ENTER** button.
The uses of icons on TV screen are:

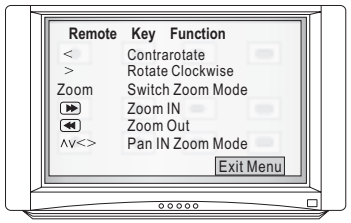


PREV or **NEXT**--Turn to previous or next page of picture for browsing.
Slide Show--show pictures at random.
Menu--Display the menu page for the functional buttons as shown in **Picture 1** and **Picture 2.** Press **EXIT** button to exit from this menu.

Press **MENU/PBC** button on the remote control to return to the menu interface.



PICTURE 1



PICTURE 2

8.4 The Radio Function

The system can save 60 preset radio programs(40 FM radio programs and 20 AM radio programs.)

8.4.1 Automatically Tune and Save Radio Programs

Switch on the unit, and shift the unit to radio mode by pressing **DVD/TUNER** button in the remote control or front panel.
Choose **AM** or **FM** bands by pressing **FM/AM** button on the remote control or the front panel.
Press the **AUTO** button in the remote control will search automatically, displaying the changing frequency. When finding the radio program, the unit will automatically save the radio program.

8.4.2 Tune and Save Radio Program Manually

Adjust the radio frequency and choose the desired radio program through pressing ⏩ and ⏪ button upward or downward in the remote control or panel.
After the adjustment, press **MEM** button and **VFD** will display **SAVE XX.** Press ⏮ and ⏭ button to choose saving position of radio program and then press **ENTER** button.

Note: *press ⏩ or ⏪ continuously, it will search for radio program forwards or backwards automatically, until it finds one radio program.*

8.4.3 Listen to the Preset Radio Program

Choose Program in Sequence: choose the saved radio program by pressing ⏭ and ⏮ button in the remote control or front panel.

Choose Program by Searching Frequency: Directly press the **Numeric Button** in the remote control to choose the desired frequency, and then press the ENTER to listen to the program of chosen frequency. For example, if you want to listen to **FM 106.9MHz,** you can enter **1069** and then press **ENTER** button.

Choose the Program directly by Inputting Numbers: Press the **SETUP** button in the remote control and **VFD** will display **LOAD XX**, then enter the number and press ENTER button, you can listen to the pre-saved radio program. For example, if you want to listen to the program saved in the 25th position, you′ ll press the **SETUP** button in the remote control, enter the number 2 and 5 after **VFD** displays **LOAD XX**, and then press **ENTER** button.

Note:*1.The quantity of inputted numbers shall not exceed the quantity of preset radio programs, otherwise it will be of no effect.*
2.Please choose the appropriate volume by adjusting the ***Volume multi control*** *knob in the front panel or pressing* ***Volume*** *button in the remote control.*

9. System setup

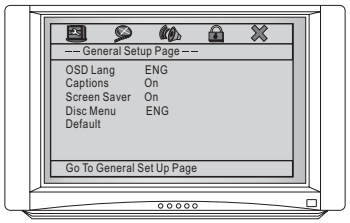
When the DVD player is turned on for the first time, it is recommended to setup the players settings, to maximize your entertainment comfort, with the AV equipment it is connected to.

9.1 Setup Menu

* Press the **SETUP** button on the remote control to enter the **General Setup Page** .
* Press the **ARROW** buttons on the remote control to navigate and press the **ENTER** button to choose selection.
 To exit the setup menu ,you can select "✖ " in the menu bar or pressing **SETUP.** By pressing the left **ARROW** button, you can go back to the upper level menu.

9.2 General Setup Page

General setup page is shown in the picture to the right:



9.2.1OSD Lang

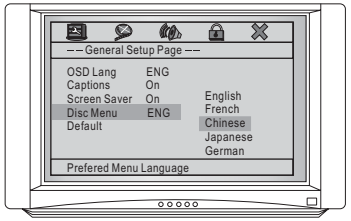
You can select the language of the setup menu displayed.

9.2.2Captions

You can turn the hidden caption function **ON/OFF.**

9.2.3Screen Saver
To activate the screen saver function set the screen saver setting to the **ON** position. It will enter screen saver automatically after the picture becomes static or stopped playback for several minutes.

9.2.4 Disc Menu
This allows you to select different languages in the interactive selection menu.*(function must be supported by disc)*

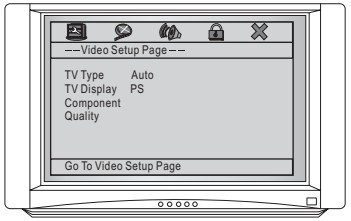


9.2.5 Default
Select this option to reset the settings of the DVD player to its default factory settings.

9.3 Video Setup Page

9.3.1. TV Type

Inside **VIDEO SETUP PAGE** navigate to **TV TYP**E and press **ENTER.** Select the TV type according to the TV system of your TV.
PAL: To play a PAL or NTSC disc with mandatory PAL signal output. Connect a PAL TV to view the picture.
AUTO: The DVD player automatically identifies PAL or NTSC video system of a disc. Connect a multi-system TV (PAL/NTSC compatible) to view the picture.
NTSC: To play a NTSC disc. Connect a NTSC TV to view the picture.



9.3.2. TV Display

Inside **VIDEO SETUP PAGE** navigate to **TV DISPLAY** and press **ENTER.** Here you can select the TV shape of the display. Normal/PS(pan scan) and Norma/LB(letter box) should be selected when connected to a standard 4:3 TV. Wide Screen should be selected when connected to a 16:9 wide screen TV.
(During playback of a wide screen recorded DVD disc the TV screen will be not fully filled, regardless of the TV display setting when connected to a standard 4:3 TV, with the top and bottom of the screen left black.)

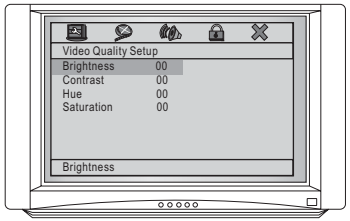
9.3.3.Component

Inside **VIDEO SETUP PAGE** navigate to **COMPONENT** and press **ENTER.** You can set the YUV output to **PROGRESSIVE** or **INTERLACE.**
P-SCAN:When connected to a progressive scan compatible TV using component out connections, select P-SCAN.
INTERLACE: When connected to a standard TV using S-Video or RCA connections, select **INTERLACE.**
If you select **SCART** connection, you should set up the play mode as **RGB** state, then it will output nomally.

Note: *If TV screen has no output after selecting **P-SCAN**, you can press **SETUP** key once, then press **RECALL** or **PS** key to recovery, or you can switch off the power supply, reset the player, and then press **RECALL** or **PS** key.*

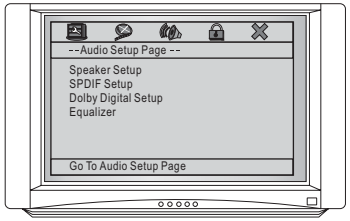
9.3.4. Quality

Inside **VIDEO SETUP PAGE** navigate to **QUALITY** and press **ENTER.**Adjust the brightness, contrast, chrominance, and saturation of the picture using the arrow buttons to your liking.



9.4 Audio Setup Page

Press the **SETUP** button and navigate to **AUDIO SETUP** and press **ENTER,** a setup screen similar to the diagram in the right will appear.



9.4.1. Speaker Setup

*** Downmix**

LT/RT means audio signal output through left track and right track. **Stereo** means stereo signal output.

9.4.2.SPDIF Setup

*** SPDIF Output**

Inside **AUDIO SETUP PAGE** navigate to **SPDIF SETUP** and press **ENTER.**

SPDIF/RAW: Select this option when connected to an amplifier equipped with a Dolby Digital, DTS, MPEG, 1 or 2 decoder using the Optical or Coaxial Output from the player.

SPDIF/PCM: Select this option when connected to a 2 channel digital stereo amplifier using the Optical or Coaxial Output from the player. The DVD player will output sound in a 2-channel format.

***LPCM Out**

When **SPDIF** output is set to **SPDIF-PCM** state, the maximum sampling frequency of optical fiber or coaxial terminal output signal can be achieved.

Note: *Users can set it according to the maximum sampling frequency that the power amplifier can handle.*

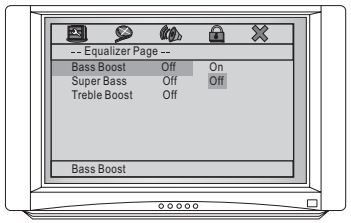
9.4.3.Dolby Digital Setup

***Dynamic**

Inside **AUDIO SETUP PAGE** navigate to **DYNAMIC** and press **ENTER.** Adjusting this control can gain different signal compression effects. You can adjust the linear compression ration higher or lower during playback of Dolby Digital recorded discs. The level of Dynamic Range Reduction may need to be different depending on the DVD disc.

9.4.4. Equalizer Setup

Inside **AUDIO SETUP PAGE** navigate to **EQUALIZER** and press **ENTER.** A setup screen similar to the diagram in the right will appear. The equalizer page is used to switch **BASS** and **TREBLE BOOST ON/OFF.**



9.5 Password Setup Page

9.5.1. Password

Select **Change** in the Password Setup Page and a setup screen similar to the diagram in the right will appear. Press the number buttons to create a personal password in **NEW PASSWORD** and repeat that in **CONFIRM PWD,** then press **ENTER.**

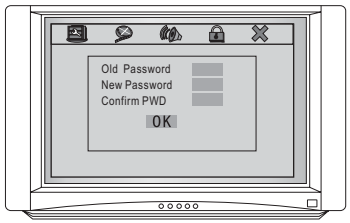
9.5.2. Parental

DVD discs equipped with the parental lock function are rated according to their content. The contents allowed by a parental lock level and the way a DVD disc can be controlled may vary from disc to disc.

DVD disc may or may not respond to the parental lock settings. This is not a defect in the DVD player. Make sure this function works with your DVD disc.

*To change this parental lock levels navigate to parental within the **Password Setup Page** and press **ENTER**.*

*If you have set a password in the **Password** option, you have to input the password before setting the age control.*



10. INTELLIGENT SCREENSAVER AND STANDBY FUNCTION

With the same function of screen protection and stand-by function as computer, it will automatically enter into screen protection after three minutes in stop or no disc state, so as to protect your TV screen. In stand-by state, pressing **Stand-by** key on the front panel or the remote controller can activate the the player back to normal working state.

11. MALFUNCTION & TROUBLESHOOTING

Before taking your player for warranty service in case having trouble in operating it, try following troubleshooting suggestions first.

No sound:
* Ensure that the player is connected properly with other systems, such as power amplifier or TV set.
* Ensure that TV set or power amplifier is working properly.
* Check if **MUTE** button of the unit or TV set is pressed.
* Examine whether the volume of TV set or player is adjusted to minimum.

No picture:
* Ensure that the player is connected firmly with the other systems, such as TV set.
* Ensure that the TV set is in normal working state.
* Check whether the player is in stand-by state.
* Set the video output as interlace scan when the player is connected to a normal TV set.

Microphone has no sound
* Adjust volume of the microphone properly.

Disc not playing
* Ensure that the disc is placed correctly. *(The label side is facing up.)*
* Ensure that the disc is clean.

Remote control does not work.
* Remove the obstacles between the player and the remote control.
* Point the remote control at the sensor on the front panel of the player.
* Check whether the batteries have adequate power.

No display or partial display:
* Check whether the disc is scratched and clean.
* As the player is controlled by microcomputer, when there is a trouble, please turn off the power and turn on the player again after several seconds. If no error display, the player can be normally used again.

No output after turning on:
* Ensure that the interval between continuous turning-on is not too short.
* Turn on the player again 10 seconds after it is turned off.

The screen doesn't light, no output
* The player may have entered stand-by state, press **STANDBY** on the front panel or the remote controller to activate it.
* Turn on again 10 seconds after the power supply is switched off.

12. TECHNICAL SPECIFICATIONS

DVD Part	Video system		AUTO/NTSC/PAL
	Audio response		20Hz~20kHz±1dB
	Audio SNR		≥85dB
	Output	Audio output (analog audio)	Output level:1~2V
		Audio output (digital audio)	Output level:0.5Vp-p
		Video output	Output level:1Vp-p load impedance: 75Ω unbalanced negative
		S-Video output	Output level: brightness (Y) 0.7Vp-p, chrominance(C):0.88Vp-p load impedance: 75Ω
		YUV(Y, Cb, Cr) output	Output level: 700±140mVp-p

AV Part	Frequency Response	20Hz-20kHz±3dB
	SNR	≥71dB(Broad Band), ≥76dB(A Weight)
	Harmonic Distortion of main Channel	≤1%(1KHz)
	Output Power of main Channel	2×15W
	Load Impedance	6Ω
	Tone Adjust Scop	Bass: 100Hz±8dB Treble: 10KHz ±8dB
	Earphone Output	50mW/32Ω

Radio	Frequency Range	FM:87.5~108.0MHz AM:530~1710KHz
	Intermediate Frequency	FM:10.7MHz AM:450KHz
	Sensitivity	FM:10μV AM：65dBμV/m
	Signal-Noise Ratio	FM:60dB AM:45dB
	Stereo Separation	25dB
Universal	Power	~110V-240V 60/50Hz
	Power Consumption	＜60W
	Dimension	486(L)×365(W)×288(H)mm
	Gross Weight	9.0Kg

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